

MORGANTOWN ORDNANCE WORKS DISPOSAL AREA
ADMINISTRATIVE RECORD FILE * **
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Report: State of Delaware 1962 Annual Report on Delaware Corporations - Heyden Newport Chemicals, 3/28/63. P. 100001-100004.
2. Water Shake Extract results on sample identification numbers S-6 and ST-7, 3/19/81. P. 100005-100006.
3. Letter to Mr. Neilima Senjalia, West Virginia Department of Natural Resources (WVDNR), from Ms. Janet L. Hargett, General Services Administration, re: Freedom of Information Act request, 5/6/81. P. 100007-100008.
4. Memorandum to Mr. David Atchinson and Mr. Rick Watson, WVDNR, from Mr. Sam Perris, WVDNR, re: Discussion with two former Morgantown Ordnance Works employees concerning past site activities, 8/19/81. P. 100009- 100010.
5. Memorandum to Mr. David Atchinson and Mr. John Northeimer, WVDNR, from Mr. Sam Perris, WVDNR, re: Lagoons on the site, 10/15/81. P. 100011-100011.
6. Memorandum to Mr. John Northeimer, WVDNR, from Mr. Mike Murphy, WVDNR, re: Site inspection conducted on October 15, 1981, 10/20/81. P. 100012-100015. A U.S. EPA Potential Hazardous Waste Site Identification form is attached.

* Administrative Record File available 1/22/88, updated 11/15/89, 4/21/99, 6/7/99 and 10/7/99.

** Supporting Sampling Data is stored at the EPA Region III Central Regional Laboratory in Annapolis, Maryland.

7. Memorandum to Mr. John Northeimer, WVDNR, from Mr. Mike Murphy, WVDNR, re: Site inspection conducted on October 15, 1981, 10/20/81. P. 100016-100020. Two memorandums regarding information about Morgantown Ordnance activities supplied by former employees, dated October 21, 1981 and November 11, 1981, are attached.
8. U.S. EPA Potential Hazardous Waste Site Identification and Preliminary Assessment form, Morgantown Ordnance Works, 11/6/81. P. 100021-100027. A Trip Report Summary Sheet is attached.
9. Letter to Mr. Francis J. Mulhern, U.S. EPA, from Mr. Edward T. Watling, Department of the Army, re: Response to a request for information concerning the West Virginia Ordnance Works and the Morgantown Ordnance Works, 1/20/82. P. 100028-100037. A Plant Directory and a Morgantown Ordnance Works Building List are attached.
10. U.S. EPA Potential Hazardous Waste Site Inspection Report, Morgantown Ordnance Works, 4/82. P. 100038-100070. The following are attached:
 - a) a Landfill Site Inspection Report;
 - b) a Photo Log;
 - c) four pages of photographs;
 - d) a Historical Background;
 - e) a memorandum regarding a meeting about the site;
 - f) a memorandum regarding lagoons at the site;
 - g) a newspaper article entitled "Chemical fire ignites at MOW site."
11. Memorandum to file from Mr. Frances Mulhern, U.S. EPA, re: History of the site facility, 5/17/82. P. 100071-100071.

12. U.S. EPA Potential Hazardous Waste Site Tentative Disposition form, Morgantown Ordnance Works, 9/17/82. P. 100072-100073.
13. Letter to the Honorable Robert C. Byrd, U.S. Senate, from Mr. Peter N. Bibko, U.S. EPA, re: Status of site activities, 10/15/82. P. 100074-100078. A telephone message regarding a citizen's request for a site inspection, a letter regarding a request for a report to be sent in duplicate, and a letter regarding a citizen's concerns about the site are attached.
14. Letter to the Honorable Cleve Benedict, U.S. House of Representatives, from Mr. Peter N. Bibko, U.S. EPA, re: Status of site activities, 11/4/82. P. 100079-100083. A Control Slip for the Office of Congressional Correspondence, a letter regarding a letter sent to the Honorable Cleve Benedict from a citizen concerning the site, and a letter regarding a citizen's concerns about the site are attached.
15. REM/FIT Zone Contract, Technical Directive Document (TDD), to conduct a site inspection and sampling, 6/30/83. P. 100084-100084.
16. Landfill and Dump Site Analysis, Morgantown Ordnance Works, 8/17/83. P. 100085-100085.
17. Report: Analytical Results for Hazardous Waste Samples Collected from Morgantown Ordnance Works, Project Nos.: NEIC: A07 and SMO: 1623, prepared by U.S. EPA, 8/16/83. P. 100086-100096. Two transmittal letters are attached.
18. Letter to Mr. Mark diFelicianantonio, U.S. EPA, from Ms. Pamela D. Hayes, WVDNR, re: A letter concerning file materials about the site, 8/19/83. P. 100097-100097.
19. Memorandum to Mr. Dick Parks, U.S. EPA, from Mr. Mark diFelicianantonio, U.S. EPA, re: Transmittal of a map and the latitude and longitude degrees of the

site, 9/7/83. P. 100098-100099. A site map is attached.

20. Memorandum to file from Mr. Mark diFelicianantonio, U.S. EPA, re: Scheduled flyover of the site, 9/7/83. P. 100100-100100.
21. Laboratory Analysis Report for lab number D5181, prepared by Technical Testing Laboratories, Inc., 1/25/84. P. 100101-100104.
22. Telephone conversation record of Mr. Jerry Saseen, U.S. EPA, with Mr. Mark diFelicianantonio, U.S. EPA, re: Inspection of the site for possible emergency removal of drums and soil, 2/7/84. P. 100105-100105.
23. Memorandum to Mr. Kermit Rader, U.S. EPA, from Mr. Mark diFelicianantonio, U.S. EPA, re: Technical background information on the site, 2/7/84. P. 100106-100107.
24. Telephone conversation record of Mr. Mark diFelicianantonio, U.S. EPA, with Mr. Bob Caron, U.S. EPA, re: Summary of a visit to the site and willingness expressed by the site owner to participate in cleanup activities, 2/9/84. P. 100108-100108.
25. West Virginia Health Department Water Analysis Report Organics, Environmental Health Services form, laboratory numbers 840230, 840233, 840234, 2/15/84. P. 100109-100124. The following are attached:
 - a) West Virginia State Health Department Radiological Water Analysis Report on sample numbers 00899 and 00898;
 - b) Guthrie Center Laboratory Sample Report Sheet;
 - c) Record of Chemical Analyses;
 - d) Division of Water Resources, Sampler's Report Form;

- e) Water Analysis Report Organics, laboratory numbers: 840655, 840656, 840657, 840816, 840655, 840656, 840657, and 840815.
26. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. Rick Dreisch, U.S. EPA, re: Water tested for volatile organic compounds by gas chromatography/mass spectrometry for sample numbers 840213-01 to -04, 2/21/84. P. 100125-100126. The sampling results are attached.
27. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. Rick Dreisch, U.S. EPA, re: Water tested for volatile organic compounds by gas chromatography/mass spectrometry for sample numbers 840213-01 to -04, 2/21/84. P. 100127-100141. Five memorandums containing additional sampling results and a Chain of Custody Record are attached.
28. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. John Austin, U.S. EPA, re: Gas chromatography/mass spectrometry analysis of sample numbers 840312-01 to -04, 2/22/84. P. 100142-100147. The sampling results and quality control information are attached.
29. Letter to Mr. Timothy Laraway, WVDNR, from Mr. Lawrence M. Rine, MSES Consultants, Inc., re: Disposal listing and laboratory analysis of solid material, 3/26/84. P. 100148-100151. A Table, Summary of Solid Material, is attached.
30. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Mr. Cecil H. Underwood, U.S. EPA, re: Comments on the Federal Investigation Team (FIT) Site Inspection Report, 3/30/84. P. 100152-100163. A transmittal form and the comments from FIT are attached.
31. Report: Revised Site Inspection Report of Morgantown PCB Site, prepared by NUS Corporation, 5/17/84. P. 100164-100510.

32. Letter to Mr. Harold Byer, U.S. EPA, from Mr. Thomas W. Fromm, Mr. William Wentworth, and Mr. Garth Glenn, NUS Corporation, re: Peer review comments, 5/21/84. P. 100511-100513.
33. Letter to Mr. Harold Byer, U.S. EPA, from Mr. Thomas W. Fromm, Mr. William Wentworth, and Mr. Garth Glenn, NUS Corporation, re: Revised final Site Inspection Report and a request for EPA to consider information pertaining to PCB's, 5/21/84. P. 100514-100514.
34. Memorandum to file from Mr. John R. Snider, re: Labeling of carcasses remaining on the site, 6/11/84. P. 100515-100519.
35. Data list of EPA test and EP toxicity, 6/29/84. P. 100520-100521.
36. Record of communication to file from Mr. Yener A. Soylemez, U.S. EPA, re: Status of sampling, 7/13/84. P. 100522-100522.
37. Memorandum to Mr. Daniel Donnelly, U.S. EPA, from Mr. Rick Dreisch, U.S. EPA, re: Water tested for volatile organic compounds by gas chromatography/mass spectrometry for sample numbers 840713-23 to -26, -29, -40, and -43, 7/16/84. P. 100523-100598. Fourteen memorandums containing additional sampling results are attached.
38. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. James Barron, U.S. EPA, re: PCB results for sediment sample numbers 840712-34 to -42, 7/17/84. P. 100599-100599.
39. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Ms. Colleen K. Walling, U.S. EPA, re: Metal determinations of PCB sample numbers 840712-34 to -42, 840713-12 to -15, -17 to -22, -30 to -38, and 840714-01 to -18, 7/19/84. P. 100600-100601.
40. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. James Barron, U.S. EPA, re: PCB results for sediment sample numbers 840713-30 to -38, 7/19/84. P. 100602-100602.

41. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. Rick Dreisch, U.S. EPA, re: Soil analysis tested for volatile organic compounds by gas chromatography/ mass spectrometry on sample numbers 840714-01 to -19, 7/19/84. P. 100603-100607. A memorandum regarding metal sampling results is attached.
42. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. B.A. Sammons, Mr. K.K.F. Worthington, and Mr. Norman Fritsche, U.S. EPA, re: Metals and cyanide determinations for sample numbers 840712-40 and -41, 840713-12 to -15, -17 to -22, -30 to -31, -39, 840714-11 to -15 -17, and -19, 7/19/84. P. 100608-100611. The sampling results are attached.
43. Memorandum to Mr. Daniel K. Donnelly, U.S. EPA, from Mr. John Austin and Mr. Joseph L. Slayton, U.S. EPA, re: Gas chromatography/mass spectrometry analysis of soil sample numbers 840712-40 to -42, 840713-30 to -35, -37, and water sample numbers 840713-23 to -26, -29, and -40 to -43, 7/20/84. P. 100612-100620. The sampling results are attached.
44. Letter to Mr. Harold Byer, U.S. EPA, from Mr. Thomas W. Fromm and Mr. Garth Glenn, NUS Corporation, re: A meeting to discuss resampling at the site, 7/25/84. P. 100621-100622.
45. Memorandum to Mr. Yener Soylemez, U.S. EPA, from Mr. Dick Brunker, U.S. EPA, re: Data used in evaluation of toxic and carcinogenic effects of pollutants from the site, 8/2/84. P. 100623-100624.
46. Memorandum to Mr. Bobby Pritt, West Virginia State Health Department, from Mr. Clyde Emigh, West Virginia State Health Department, re: Raw water intakes, 8/31/84. P. 100625-100627. Two maps are attached.
47. Letter to Mr. Yener Soylemez, U.S. EPA, from Mr.

B.G. Pritt, West Virginia State Health Department,
re: Location of water intakes and private wells,
9/12/84. P. 100628-100629. A letter outlining the
proposed soil sampling program is attached.

48. Report: Existing Information Memorandum/Initial
Site Evaluation Report, (no author cited), 5/85. P.
100630-100681.
49. Memorandum to Ms. Carol Stokes and Mr. Hector Abreu-
Cintron, U.S. EPA, from Mr. Ralph M. Shapot, Weston,
re: Sampling summary and well information, 3/25/86.
P. 100682-100702. The following are attached:
 - a) an Ordnance Works Sample Summary;
 - b) sixteen Sample Shipping Logs;
 - c) a site sketch showing well locations;
 - d) a well measurement summary.
50. Memorandum to Ms. Carol Stockes [sic], U.S. EPA,
from Mr. Daniel K. Donnelly, U.S. EPA, re:
Transmittal of analytical results for sample numbers
8604-01 to -04 4/23/86. P. 100703-100708. The
sampling results and a handwritten note regarding
quality assurance data review are attached.
51. Memorandum to Mr. Duane A. Geuder, U.S. EPA, from
Ms. Patricia J. Krantz, U.S. EPA, re: Transmittal
of a Data Quality Assurance Review, 6/16/86. P.
100709-100773. The Organic Quality Assurance Review
is attached.
52. Telephone conversation record of Ms. Diana Pickens,
U.S. EPA, with Ms. Jane Dumm, U.S. Testing, re:
Analysis of sample numbers CD312 and CD313 for
pesticide fractions, 8/11/86. P. 100774-100774.
53. Memorandum to Ms. Carol Stockes [sic], U.S. EPA,
from Mr. Daniel K. Donnelly, U.S. EPA, re:
Transmittal of EP toxicity test for pellet sample,
10/1/86. P. 100775-100778. The sampling

results are attached.

54. Handwritten notes, re: Case number 5777, Surface water samples, (undated). P. 100779-100780.
55. Rockwell International Chemical Analysis of Sludge Pond No. 1, (undated). P. 100781-100782.
56. Letter to Mr. John Snider, Morgantown Industrial Park Associates, from Mr. Thomas Voltaggio, U.S. EPA, re: Revisions to the Site Investigation Report, (undated). P. 100783-100788. An information packet entitled, Response to Morgantown Industrial Park Associates Comments on the Site Inspection Report, is attached.
57. Report: Site Inspection Report of Morgantown, West Virginia PCB Site, Final Draft, prepared by Mr. C.F. Bieze, Jr., (undated). P. 100789-100917.
58. Historical Background, Morgantown Ordnance Works, (no author cited), (undated). P. 100918-100129.

II. REMEDIAL ENFORCEMENT PLANNING

1. Memorandum to file from Mr. C.M. Murphy, re: Information about Morgantown Ordnance Works provided by a former employee, 11/5/81. P. 200001-200005. A memorandum regarding a discussion with a former employee, a memorandum regarding lagoons at the site, and a memorandum regarding a discussion with two former employees are attached.
2. Letter to Mr. Richard J. Cook, Consolidated Gas Supply Corporation, from Mr. John J. Duck and Mr. Richard M. Burke, D'Appolonia Waste Management Services, re: Transmittal of results of soil sampling, 2/10/84. P. 200006-200007. Table 1, Results for Polychloride Biphenyl (PCB) Analysis of Soil Samples, is attached.
3. Report: Letter Proposal: Testing and Disposal of PCB Contaminated Material, Morgantown Industrial Park, prepared by MSES Consultants, 2/14/84. P. 200008-200018.
4. Report: Disposal Plan: Polychlorinated Biphenyls (PCB's) Contaminated Material, prepared by MSES Consultants, 3/84. P. 200019-200027.
5. Report: Letter Report: Polychlorinated Biphenyls (PCB's) Sampling and Analysis, prepared by MSES Consultants, 3/12/84. P. 200028-200038.
6. Letter to Mr. Ed Skernoli [sic], U.S. EPA, from Mr. John R. Snider, Morgantown Industrial Park Association, re: PCB sampling and migration, 3/30/84. P. 200039-200049. A sampling and analysis report is attached.
7. Report: Supplemental Letter Proposal: Disposal of PCB Contaminated Material, prepared by MSES Consultants, 4/12/84. P. 200050-200054.
8. Letter to Mr. Thomas W. Hill, Antech, Ltd., from Mr. J.R. Asues, Aluminum Company of America, re: Summary of analytical methodology and quality assurance procedures used for PCB analysis, 5/21/84. P. 200055-200071. An information packet entitled,

Gas Chromatographic Analysis, and Table 1, Water Pollution Evaluation, are attached.

9. Letter to Mr. John Snider, Morgantown Industrial Park Association, from Mr. Lawrence M. Rine, MSES Consultants, re: Methodology used to characterize waste at the site, 5/29/84. P. 200072-200074. A handwritten note regarding soil sampling is attached.
10. Memorandum to Mr. Robert J. Mitkus, U.S. EPA, from Mr. Donald T. Wruble, U.S. EPA, re: A report sent to EPA and analysis of photographs that document the disposal practices and contamination areas at the site, 6/25/84. P. 200075-200075.
11. Memorandum to Mr. John Snider, Morgantown Industrial Park Associates, from Mr. Robert L. Jelacic, WVDWR, re: Transmittal of data information about lagoons at the site, 7/18/84. P. 200076-200122. The following are attached:
 - a) a letter regarding sampling of seepage;
 - b) Table 1, Summary of Results, Seepage Sample SW-308;
 - c) a letter report entitled "Analysis Seepage Sample SW-308;"
 - d) a letter report entitled "Polychlorinated Biphenyls (PCB's) Analysis;"
 - e) Table 1, Summary of Results, PCB Analysis and Material Identification;
 - f) West Virginia State Health Department Water Analysis Report Organics, Environmental Health Services Laboratory form;
 - g) West Virginia State Health Department Radiological Water Analysis Report, Industrial Hygiene Division form;
 - h) a Sampler's Report Form;

- i) a Record of Chemical Analysis;
 - j) a Sample Report Sheet;
 - k) a letter report entitled "Polychlorinated Biphenyls (PCB's), Sampling and Analysis Previously used by Others as Landfill Burn Area;"
 - l) Table 1, Summary of Results, Soil/Pellet Samples;
 - m) a site map;
 - n) a report entitled "PCB Polychlorinated Biphenyls Contaminated Material for Drums and Carcasses;"
 - o) a letter regarding information concerning the disposal of PCB contaminated soil;
 - p) a Job Work Order from McCutcheon Enterprises, Inc.;
 - q) a Hazardous Waste Manifest.
12. Letter to Mr. Jerry Saseen, U.S. EPA, from Mr. John R. Snider, Morgantown Industrial Park Associates, re: Testing results and request for approval of a removal methodology, 10/10/84. P. 200123-200133. A letter report on sampling and analysis, a letter regarding transmittal of soil sampling results, and a memorandum regarding soil sampling results are attached.
 13. Memorandum to file from Ms. Susan M. Insetta, U.S. EPA, re: Ownership and manufacturing history of the site, 11/5/84. P. 200134-200135.
 14. Letter to Mr. Jerry E. Dempsey, Borg-Warner Corporation, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200136-200138.

15. Letter to Mr. L.A. Harvey, Borg-Warner Chemicals, Inc., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200139-200141.
16. Letter to Mr. Edward G. Jefferson, E.I. du Pont de Nemours & Company, Inc., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200142-200144.
17. Letter to Mr. John R. Snider, Morgantown Industrial Park Associates, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200145-200147.
18. Letter to Mr. J.M. Henske, Olin Corporation, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200148-200150.
19. Letter to Mr. Donald R. Beall, Rockwell International Corporation, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200151-200153.
20. Letter to Mr. Charles E. Hooper, Princess Coals, Inc., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200154-200156.
21. Letter to Mr. Victor Posner, Sharon Steel Corporation, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200157-200159.
22. Letter to Mr. Glenn Kuehn, Sterling Faucet Co., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 11/21/84. P. 200160-200162.
23. Letter to Mr. Susan Insetta, U.S. EPA, from Mr. John R. Snider, Morgantown Industrial Park Associates, re: Response to 104(e) inquiry, 11/21/84. P. 200163-200167.
24. Telephone conversation record of Ms. Susan Insetta, U.S. EPA, with Mr. Myron Sokolowski, re: Request for extension of time to respond to the 104(e)

- inquiry, 12/3/84. P. 200168-200168.
25. Telephone conversation record of Ms. Susan Insetta, U.S. EPA, with Mr. Melvin G. Sanders, re: Request for extension of time to respond to the 104(e) inquiry, 12/3/84. P. 200169-200169.
 26. Telephone conversation record of Ms. Susan Insetta, U.S. EPA, with Mr. Gary Baldwin, re: Request for extension of time to respond to the 104(e) inquiry, 12/3/84. P. 200170-200170.
 27. Letter to Mr. Calvin W. Overcash, GCA Corporation, from Ms. Elizabeth Gray Kogen, Hagley Museum & Library, re: Background information concerning the site, 12/4/84. P. 200171-200174. A Table, Gross Production by Months, is attached.
 28. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. David L. Boggs, Borg-Warner Chemicals, Inc. re: Response to 104(e) inquiry, 12/6/84. P. 200175-200189. The following are attached:
 - a) a document listing;
 - b) a letter regarding errors on documentation relating to disposal at the site;
 - c) a letter regarding a correction to documentation relating to disposal at the site;
 - d) two facility report forms;
 - e) hauler information;
 - f) an excerpt from a worksheet entitled "Chemical Contaminated Solid Waste, Tons;"
 - g) an excerpt from a worksheet entitled "Incinerator Waste;"
 - h) an excerpt from a log book;

i) a response to questions.

29. Telephone conversation record of Ms. Susan Insetta, U.S. EPA, with Mr. LeRoy Euvrard, Kohler, Co., re: Request for extension of time to respond to the 104(e) inquiry, 12/6/84. P. 200190-200190.
30. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. LeRoy Euvrard, Kohler, Co., re: Request for additional extension of time to respond to the 104(e) inquiry, 12/7/84. P. 200191-200193. An envelope is attached.
31. Telephone conversation record of Ms. Susan Insetta, U.S. EPA, with Mr. Bob Kenski, Rockwell International, re: Delay in responding to 104(e) inquiry, 12/7/84. P. 200194-200194.
32. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. Paul Wilkinson, E.I. du Pont de Nemours & Company, re: Response to 104(e) inquiry, 12/7/84. P. 200195-200197.
33. Letter to Mr. George Viconovic, GCA Corporation, from Ms. Marie C. Shultie, Delaware Department of State, re: Change of name for Heyden Chemical Company, 12/7/84. P. 200198-200198.
34. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. R.R. Kenski [sic], Rockwell International, re: Request for extension of time to respond to the 104(e) inquiry, 12/11/84. P. 200199-200200. An envelope is attached.
35. Letter to Mr. T.L. O'Shea, Eureka Pipe Line Company [sic], from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 12/13/84. P. 200201-200203.
36. Letter to Mr. Pat Wright, Hope Natural Gas Co., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 12/13/84. P. 200204-200206.
37. Letter to Mr. R.H. Murray, Consolidated Gas Supply Corporation, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 12/13/84. P.

200207-200209.

38. Letter to Mr. Robert E. Allen, Chesapeake & Potomac Telephone Company of West Virginia, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 12/13/84. P. 200210-200212.
39. Letter to Mr. Donald E. Hollen, Monongahela Power Company, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 12/13/84. P. 200213-200215.
40. Letter to Mr. James D. McGeehan, Monongahela Railway Company, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 12/13/84. P. 200216-200218.
41. Letter to Mr. Lowell Cowell, United Maintenance & Manufacturing Corporation, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 12/13/84. P. 200219-200221.
42. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. Myron B. Sokolowski, Olin Corporation, re: Response to 104(e) inquiry, 12/13/84. P. 200222-200233. The following are attached:
 - a) answers to questions regarding site activities;
 - b) a summary of a site visit;
 - c) answers to an interview with Mr. Don Morgan;
 - d) general information about the site;
 - e) Form A: General Facility Information;
 - f) Form B: Disposal Site Information;
 - g) a memorandum regarding a chemical processing plant in Morgantown, West Virginia;
 - h) a hand-drawn diagram of the site.

43. Letter to Mr. Dave Palmer, Pentagon, from Mr. Bruce Smith, U.S. EPA, re: Request for an exchange of information, 12/13/84. P. 200234-200234.
44. Letter to Mr. Dave Palmer, Pentagon, from Mr. Martin Harrell, U.S. EPA, re: Department of Defense action concerning the site, 12/14/84. P. 200235-200235.
45. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. Lowell Cowell, United Maintenance & Manufacturing Co., re: Handling of hazardous waste material, 12/18/84. P. 200236-200236.
46. Telephone conversation record of Ms. Susan Insetta, U.S. EPA, with Beverly, Potomac & Chesapeake Telephone Co., re: Response to 104(e) inquiry, 12/18/84. P. 200237-200237.
47. Telephone conversation record of Ms. Susan Insetta, U.S. EPA, with Mr. Tom Rogers, Eureka Pipeline, re: Response 104(e) inquiry, 12/19/84. P. 200238-200238.
48. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. Gary D. Baldwin, Princess Coals, Inc., re: Response to 104(e) inquiry, 12/20/84. P. 200239-200241. An envelope is attached.
49. Letter to Ms. Susan Insetta, U.S. EPA. from Mr. Thomas C. Sheppard, Jr., Monongahela Power Co., re: Response to 104(e) inquiry, 12/20/84. P. 200242-200243. An envelope is attached.
50. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. Frederick R. Brooking, Consolidated Gas Transmission Corporation, re: Response to 104(e) inquiry, 12/21/84. P. 200244-200247.
51. Letter to Ms. Susan Insetta, U.S. EPA, form Mr. G. Edward Yurcon, Monongahela Railway Co., re: Notice that a response to 104(e) inquiry will be delayed, 12/21/84. P. 200248-200248.

52. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. Marc A. Halbritter, Hope Gas, Inc., re: Response to 104(e) inquiry, 12/24/84. P. 200249-200251.
53. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. T.L. O'Shea, Eureka Pipeline Co., re: Ownership of the site, 12/24/84. P. 200252-200253. An envelope is attached.
54. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. S. Edward Flanagan, III, C&P Telephone [sic], re: Response to 104(e) inquiry, 12/28/84. P. 200254-200255.
55. Letter to Mr. Bruce S. Davis, Minnesota Pollution Control Agency, from Mr. Paul R. Wilkinson, E.I. du Pont de Nemours & Co., re: Request for information about Gopher Ordnance Works, 12/28/84. P. 200256-200257.
56. Letter to Major General Hugh Clausen, Department of the Army, from Mr. Paul R. Wilkinson, E.I. du Pont de Nemours & Co., re: History of Morgantown Ordnance Works, 12/31/84. P. 200258-200259.
57. Letter to Mr. Fred Siegwarth, State Road Commission of West Virginia, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/10/85. P. 200260-200262.
58. Letter to Mr. Bernard B. and Mrs. Gertrude V. Johnson from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/10/85. P. 200263-200265.
59. Letter to Mr. Jack E. and Mrs. Barbara Jamison from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/10/85. P. 200266-200270. A handwritten note regarding ownership of property and an envelope are attached.
60. Letter to Mr. Clifton T. and Ms. Clarice R. Burge from Mr. Stephen Wassersug, U.S. EPA, re: 104(e)

information request, 1/10/85. P. 200271-200273.

61. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. R.R. Kenski, Rockwell International, re: Response to 104(e) inquiry, 1/11/85. P. 200274-200276.
62. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. R.R. Kenski, Rockwell International, re: Response to 104(e) inquiry, 1/11/85. P. 200277-200326. The following are attached:
 - a) WVDNR Application for Water Pollution Control Permit, Disposal of Industrial Waste, #992;
 - b) a table of concentrations of treated lagoon effluents;
 - c) a description of chemical treatment to precipitate lagoon, prior to decanting;
 - d) a schematic diagram;
 - e) a description of method and hardware required to precipitate lagoon, prior to decanting;
 - f) questions with answers about sampling;
 - g) a Direct Charge Requisition;
 - h) a location map of sludge ponds;
 - i) WVDNR Application for Water Pollution Control Permit, Disposal of Industrial Waste, #991;
 - j) a location map of sludge ponds;
 - k) a Deposit Analysis form for Lagoon A;
 - l) Water Analysis forms for Chrome Sludge Lagoon B;
 - m) a letter regarding permeability testing;

- n) a plan and profile view diagram of boring locations;
- o) boring sheet descriptions for boring numbers 1 to 3;
- p) a gradation curve;
- q) a water analysis form for core hole number 1;
- r) a Direct Charge Requisition;
- s) a report entitled "The Fate of Heavy Metals from Metal Flushing, Land Disposal of Solid Waste;"
- t) a letter regarding a request to construct a sludge pit;
- u) a letter regarding notification for the removal of sludge;
- v) U.S. EPA Notification of Hazardous Waste Activity;
- w) WVDNR Inspection Report;
- x) a letter regrading sludge removal and pond reclamation;
- y) a letter regarding lagoons at the site.

- 63. Handwritten letter to Ms. Susan Insetta, U.S. EPA, from Mr. Bill and Mrs. Barbara Johnson, re: 104(e) letter sent to them in error, 1/17/85. P. 200327-200329. An envelope is attached.
- 64. Letter to Mr. Stephen Wassersug, U.S. EPA, from Mr. Walter Gilbertson, West Virginia Department of Highways, re: Acknowledgement of receipt of 104(e) information request, 1/18/85. P. 200330-200330.
- 65. Telephone conversation record of Ms. Susan Insetta, U.S. EPA, with Ms. Clarice Burge, re: Response to 104(e) inquiry, 1/23/85. P. 200331-200331.

66. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. LeRoy E. Euvrard, Jr., Kohler Co., re: Response to 104(e) inquiry, 1/24/85. P. 200332-200333. An envelope is attached.
67. Letter to Mr. Edward G. Jefferson, E.I. du Pont de Nemours & Co., Inc., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/24/85. P. 200334-200336.
68. Letter to Mr. David Palmer, Pentagon, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/24/85. P. 200337-200339.
69. Letter to Mr. L.A. Harvey, Borg-Warner Chemicals. Inc., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/24/85. P. 200340-200342.
70. Letter to Mr. Donald R. Beall, Rockwell International, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/24/85. P. 200343-200345.
71. Letter to Mr. John R. Snider, Morgantown Industrial Park, Inc., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/24/85. P. 200346-200348.
72. Letter to Mr. J.M. Henske, Olin Corp., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 1/24/85. P. 200349-200351.
73. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. Richard A. Porach, Monongahela Railway Co., re: Response to 104(e) inquiry, 2/11/85. P. 200352-200353.
74. Letter to Mr. Herbert V. Kohler, Kohler Co., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 2/14/85. P. 200354-200356.
75. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. Walter I. Fridley, Sharon Steel Corp., re: Response to 104(e) inquiry, 2/11/85. P. 200357-200358.

76. Letter to Mr. Mark diFeliciantonio [sic], U.S. EPA, from Mr. David L. Boggs, Borg-Warner Chemicals, Inc., re: Transmittal of response to 104(e) inquiry, 2/21/85. P. 200359-200361. The response is attached.
77. Letter to Mr. Mark diFeliciantonio [sic], U.S. EPA, from Mr. Paul R. Wilkinson, E.I. du Pont de Nemours & Co., Inc., re: Response to 104(e) inquiry, 2/21/85. P. 200362-200362.
78. Letter to Mr. Stephen Wassersug, U.S. EPA, from Mr. Lawrence A. Demase, Rose, Schmidt, Dixon & Halsey, re: Corrective measures taken at the site and a request for information from EPA, 2/21/85. P. 200363-200365.
79. Letter to Mr. Mark diFeliciantonio [sic], U.S. EPA, from Mr. David L. Boggs, Borg-Warner Chemicals, Inc., re: Transmittal of response to 104(e) inquiry, 2/21/85. P. 200366-200368. The response is attached.
80. Letter to Mr. Stephen Wassersug, U.S. EPA, from Mr. Lawrence A. Demase, Rose, Schmidt, Dixon & Halsey, re: Response to 104(e) inquiry for Morgantown Industrial Park, 2/21/85. P. 200369-200371.
81. Letter to Mr. Mark diFeliciantonio, U.S. EPA, from Mr. Henry J. Hatch, Department of the Army, re: Department of Defense's past activities at the site, 2/22/85. P. 200372-200373.
82. Letter to Mr. Mark diFeliciantonio [sic], U.S. EPA, from Mr. Henry J. Hatch, Department of the Army, re: Response to 104(e) inquiry, 2/22/85. P. 200374-200375.
83. Letter to Mr. Mark diFeliciantonio [sic], U.S. EPA, from Mr. R.R. Kenski, Rockwell International, re: Response to 104(e) inquiry, 2/27/85. P. 200376-200376.
84. Letter to Mr. Lawrence A. Demase, Rose, Schmidt, Dixon & Halsey, from Mr. Martin Harrell, U.S. EPA, re: Response request for information regarding the

site, 3/7/85. P. 200377-200378.

85. Letter to Mr. Stephen Wassersug, U.S. EPA, from Mr. LeRoy Euvrard, Jr., Kohler Co., re: Response to 104(e) inquiry, 3/20/85. P. 200379-200380.
86. Letter to Mr. Richard Titus, Best Loading, Co., from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 4/18/85. P. 200381-200383.
87. Letter to Mr. John Petitte, Jr., Westside River Terminal Corporation, from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 4/18/85. P. 200384-200386.
88. Letter to Schmidt Sign Company from Mr. Stephen Wassersug, U.S. EPA, re: 104(e) information request, 4/18/85. P. 200387-200389.
89. Letter to Ms. Susan Insetta, U.S. EPA, from Mr. John Petitte, Jr., Westside River Terminal Corporation, re: Response to 104(e) inquiry, 4/26/85. P. 200390-200391. An envelope is attached.
90. Letter to Ms. Stokes, U.S. EPA, from Mr. Charles E. Vandavelde, Department of the Army, re: Real estate documents relating to the site, 7/26/85. P. 200392-200394.
91. Report excerpt: Appendix I, Pertinent Sections of Antech Ltd., Quality Assurance Manual, (no author cited), (undated). P. 200395-200411.
92. Report excerpt: Appendix J, HRS Ranking, prepared by MSES Consultants, (undated). P. 200412-200464.
93. Report: PCB, Polychlorinated Biphenyls Report, prepared by MSES Consultants, (undated). P. 200465-200487.

III. REMEDIAL RESPONSE PLANNING

1. Memorandum to Mr. Bruce Smith, U.S. EPA, from Mr. Mark diFelicianantonio, U.S. EPA, re: U.S. EPA, re: Site description and sampling information, 8/8/84. P. 300001-300002.
2. Letter to Mr. Yener Soylemez, U.S. EPA, from Mr. B.G. Pritt, U.S. EPA, re: Location of water intakes and private wells, 9/12/84. P. 300003-300006. A memorandum regarding a map showing raw water intakes and two maps are attached.
3. Memorandum to Ms. Kathy Hodgkiss, U.S. EPA, from Mr. Edward Cohen, U.S. EPA, re: PCB storage requirements, 9/20/84. P. 300007-300009. A letter regarding drum and soil samples is attached.
4. Letter to Ms. Susan Insetta, U.S. EPA, from Ms. Pamela D. Hayes, West Virginia State Health Department, re: Transmittal of three memorandums concerning site investigation information gathered from interviews with former Morgantown Ordnance Works employees, 10/18/84. P. 300010-300020. The memorandums and a U.S. EPA Potential Hazardous Waste Site, Site Inspection Report are attached.
5. Memorandum to Mr. Thomas Eichler, U.S. EPA, from Mr. Stephen Wassersug, U.S. EPA, re: Request for comments on the proposed Remedial Investigation/Feasibility Study (RI/FS) Report, 1/31/85. P. 300021-300023. A letter regarding the sixty day comment period on the report is attached.
6. Report: Remedial Investigation/Feasibility Study Work Plan for the Morgantown Ordnance Works Site, Morgantown, West Virginia, prepared by GCA Corporation, 2/85. P. 300004-300127.
7. Letter to Mr. George Viconovic, U.S. EPA, from Ms. Kathy Hodgkiss, U.S. EPA, re: Acknowledgement of receipt of the draft Work Plan, 3/8/85. P. 300128-300128.
8. Action Memorandum to Mr. Stanley Laskowski, U.S. EPA, from Mr. Stephen Wassersug, U.S. EPA, re:

Authorization to proceed with the RI/FS, 3/21/85.
P. 300129-300133.

9. Memorandum to Mr. Charles W. Whatola, Weston, from Mr. Kenneth C. Wiswall, Weston, re: Information to be screened for Conflict of Interest, 3/29/85. P. 300134-300142. A site map and site history information are attached.
10. Letter to Mr. Mark diFelicianantonio, U.S. EPA, from Mr. Fred Cutlip, State of West Virginia Governor's Office of Economic and Community Development, re: Review and approval of a Superfund project, 4/3/85. P. 300143-300143.
11. Report: Work Plan Memorandum for Morgantown Ordnance Works Remedial Investigation/Feasibility Study, Morgantown, West Virginia, prepared by Camp, Dresser and McKee, Inc., 4/8/85. P. 300144-300183.
12. Letter to Mr. Ken C. Wiswall, Weston, from Ms. Carol Stokes, U.S. EPA, re: Review of the Work Plan, 5/2/85. P. 300184-300184.
13. Memorandum to file from Ms. Carol Stokes, U.S. EPA, re: Summary of conversation with Mr. John Snider to obtain site access, 5/6/85. P. 300185-300185.
14. Letter to Mr. John Snider, Morgantown Industrial Park, from Ms. Carol Stokes, U.S. EPA, re: Goals for the first site visit, 5/8/85. P. 300186-300189. Two site sketches are attached.
15. Letter to Ms. Carol Stokes, U.S. EPA, from Mr. Kenneth Wiswall, Weston, re: Change of date for the submittal of the draft Work Plan and the Project Operations Plan, 5/21/85. P. 300190-300190.
16. Memorandum to Mr. Bruce Byer, U.S. EPA, from Ms. Carol Stokes, U.S. EPA, re: Request for assistance from the Federal Investigation Team office, 6/12/85. P. 300191-300194. A handwritten site description and two site plans are attached.
17. Memorandum to file from Ms. Carol Stokes, U.S. EPA, re: Meeting with Mr. Snider to discuss the draft

RI/FS, 7/12/85. P. 300195-300197.

18. Letter to Mr. John Snider, Morgantown Industrial Park, from Ms. Carol Stokes, U.S. EPA, re: Meeting with Mr. Snider to discuss site status, 7/17/85. P. 300198-300199.
19. Memorandum to file from Ms. Carol Stokes, U.S. EPA, re: Summary of site visit of July 23, 1985, 7/23/85. P. 300200-300202.
20. Memorandum to file from Ms. Paula Luborsky, U.S. EPA, re: Summary of site visit of July 23, 1985, 7/23/85. P. 300203-300205. A fact sheet and a site map are attached.
21. Report: Draft Letter Report, Ordnance Works Disposal Area, prepared by NUS Corporation, 9/17/85. P. 300206-300219.
22. Report: Work Plan for Ordnance Works Areas, Morgantown, West Virginia, Remedial Investigation/Feasibility Study, Volume I, prepared by Camp, Dresser and McKee, Inc., 12/20/85. P. 300220-300397.
23. Memorandum to Ms. Carol Stokes, U.S. EPA, from Ms. Libby Rhoads, U.S. EPA, re: Effects of site contamination on wetland areas, 3/21/86. P. 300398-300398.
24. Record of conversation to file from Ms. Carol Stokes, U.S. EPA, re: Asbestos in Department of Defense buildings at the site, 3/28/86. P. 300399-300399.
25. Report: Ordnance Works Disposal Areas, Project Operation Plan, Health and Safety Plan, prepared by Roy F. Weston, Inc., 4/9/86. P. 300400-300440. A cover letter is attached.
26. Memorandum to Ms. Carol Stokes and Mr. Hector Abreu [sic], U.S. EPA, from Ms. Libby Rhoads and Mr. Nels

- Barrett, U.S. EPA, re: Site visit, 4/16/86. P. 300441-300444. A list of affected wetland plants and streams and a site map are attached.
27. Letter to Mr. John Snider, Morgantown Industrial Park, from Mr. Hector M. Abreu-Cintron, U.S. EPA, re: Sample results taken during January and February of 1986, 7/2/86. P. 300445-300445.
 28. Letter to Mr. Hector Abreu-Cintron, U.S. EPA, from Mr. John R. Snider, Morgantown Industrial Park, re: Plans to build a road and perform rail bed widening near the drum staging ares, 8/15/86. P. 300446-300448. Two site maps showing work areas are attached.
 29. Letter to Mr. John R. Snider, Morgantown Industrial Park, from Mr. Dennis P. Carney, U.S. EPA, re: Construction of a road near the site that will not have effects on EPA site activities, 9/3/86. P. 300449-300449.
 30. Report: Final Remedial Investigation/Feasibility Study Report for the Ordnance Works Disposal Site, Morgantown, West virginia, Volume I, prepared by Roy F. Weston, Inc., 1/88. P. 300450-300835.
 31. Report: Final Remedial Investigation/Feasibility Study Report for the Ordnance Works Disposal Site, Morgantown, West Virginia, Volume II, prepared by Roy F. Weston, Inc., 1/88. P. 300836-301060.
 32. Letter to Mr. Jose N. Urangs, Rockwell International, from Mr. Bruce P. Smith, U.S. EPA, re: Extension for comment period on EPA remedy, 11/8/88. P. 301061-301061.
 33. Letter to Mr. Robert L. Collings, Morgan, Lewis & Bockius, from Mr. Bruce P. Smith, U.S. EPA, re: Rejection of proposal made by the Potentially Responsible Parties (PRPs) to conduct the Remedial Design/Remedial Action (RD/RA), 11/8/88. P. 301062-301063.
 34. Letter to Ms. Roberta Thomas, Reed, Smith, Shaw & McCauley, from Mr. Bruce P. Smith, U.S. EPA, re:

- Extension of the comment period for response to a Special Notice Letter, 11/8/88. P. 301064-301064.
35. Letter to Mr. John Snider, Morgantown Industrial Park Associates, from Mr. Bruce P. Smith, U.S. EPA, re: Extension of the comment period for response to a Special Notice Letter, 11/8/88. P. 301065-301065.
 36. Letter to Mr. Robert E. Lannan, Robinson & McElwee, from Mr. Bruce P. Smith, U.S. EPA, re: Extension of the comment period for response to a Special Notice Letter, 11/8/88. P. 301066-301066.
 37. Letter to Ms. Cheryl Connelly, Campbell, Woods & Bagley, from Mr. Bruce P. Smith, U.S. EPA, re: Rejection of proposal to conduct the RD/RA made by the PRP's, 11/8/88. P. 301067-301068.
 38. Report: Final Report, Assessment of the RI/FS/Record of Decision (ROD) for the Ordnance Works Site, Morgantown, West Virginia, prepared by Woodward-Clyde Consultants, 12/88. P. 301069-301146.
 39. Letter to Mr. Gerardo A. Amador, U.S. EPA, from Mr. S.L. Carlock, Department of the Army, re: Transmittal of the technical review of the RI/FS and the ROD, 12/14/88. P. 301147-301169. The review is attached.
 40. Letter to Mr. Gerardo A. Amador, U.S. EPA, from Mr. S.L. Carlock, Department of the Army, re: Transmittal of the technical review of the RI/FS and the ROD, 12/14/88. P. 301170-301192. The review is attached.
 41. Letter to Mr. Gerardo A. Amador, U.S. EPA, from Mr. Robert L. Collings, Morgan, Lewis & Bokius, re: Comments to be included Administrative Record on EPA's remedy selection and the ROD, 12/15/88. P. 301193-301197.
 42. Report: Superfund Program Draft Proposed Plan, EPA Region III, Morgantown Ordnance Works Site, Morgantown, West Virginia, prepared by U.S. EPA, 6/89. P. 301198-301221.

43. Report: Draft Focused Feasibility Study Report, Volume I of II: Text, Morgantown, Ordnance Works Site, Morgantown, West Virginia, prepared by NUS Corporation, 6/89. P. 301222-301450.
44. Report: Draft Focused Feasibility Study Report, Volume II of II: Appendices, Morgantown, Ordnance Works Site, Morgantown, West Virginia, prepared by NUS Corporation, 6/89. P. 301451-301614.
45. Report: Ordnance Works Disposal Areas Superfund Site: Response of the Environmental Protection Agency to Comments Filed by Borg-Warner Specialty Chemicals, Inc., on the March 1988 Record of Decision, prepared by U.S. EPA, 6/29/89. P. 301615-301627. A cover letter is attached.
46. Letter to Mr. Harold Yates, U.S. EPA, from Mr. George B. Armistead, Baker & Armistead, re: Correction to information in the draft Focused Feasibility Study Report concerning ownership of the site, 7/31/89. P. 301628-301629.
47. Letter to Mr. Harold Yates and Mr. Harry Harbold, U.S. Epa, from Mr. Robert E. Lannan. Robinson & McElwee, re: Comments on the draft Proposed Plan, 8/2/89. P. 301630-301631.
48. Letter to Mr. Harold Yates, U.S. EPA, from Mr. R.S. Elliot, Hope Gas, Inc., re: Comments on the Proposed Remedial Action Plan, 8/2/89. P. 301632-301632.
49. Letter to Mr. Harry Harbold, U.S. EPA, from Ms. Ann L. Wright, Department of the Army, re: Comments on the draft Proposed Plan, 8/3/89. P. 310633-301634.
50. Report: Final Report Assessment of the FFS/PRAP for the Ordnance Works Site, Morgantown, West Virginia, prepared by Woodward-Clyde Consultants, 8/1/89. P. 301635-301657. A letter regarding comments on the Proposed Remedial Action Plan is attached.
51. Report: Draft Project Operations Plan for Morgantown Ordnance Works, Morgantown, West Virginia, Remedial Investigation/Feasibility Study,

Volume I, prepared by Camp, Dresser & McKee, Inc.,
6/14/85. P. 301658-301955.

52. Record of Decision, Morgantown Ordnance Works,
9/26/89. P. 301956-302025.
53. Report: Report of Findings, Sediment and Soil
Sampling for Proposed Outsale Property, Ordnance
Works Disposal Areas Super Fund Site, Operable Unit
Two, prepared by MSES Consultants, Inc., 8/94. P.
302026-302177.
54. Letter to Ms. Melissa Whittington, U.S. EPA, from
Mr. Steven Morrow, Olin Corporation, re:
Reaffirmation of Olin's commitment to work with EPA
and the West Virginia Department of Environmental
Protection (WVDEP) to seek ways to accelerate
progress toward site closure at the Morgantown Site
OU1, 7/28/95. P. 302178-302241. The following are
attached:
- a) "Attachment A," Olin/Morgantown OU1
Response to Comments;
 - b) "Attachment B," a report entitled,
"Daramend Bioremediation of Manufactured
Gas Plant Soils at Pacific Place
(Vancouver, B.C.);"
 - c) "Attachment C," two undated tables
entitled, "Table 1: Soil Washing/Solvent
Extraction Information Summary" and "Table
2: Other Considerations: Soil
Washing/Solvent Extraction Information
Summary;"
 - d) "Attachment D," an undated figure entitled,

"Figure 1: B.E.S.T. Solvent Extraction Technology";

- e) "Attachment E," A July 28, 1995, letter to Mr. Steven Morrow, Olin Corporation, from Ms. Dana Pedersen and Mr. Jaret Johnson, ABB Environmental Services, Inc. (ABB) summarizing ABB's calculation of revised target concentrations for carcinogenic Polycyclic Aromatic Hydrocarbons (PAHs) and transmittal of five charts and one graph showing relevant data.
55. Memorandum to "Risk-Based Concentrations (RBC) Table Mailing List" from Mr. Roy L. Smith, U.S. EPA, re: Summary of the contents, uses, and limitations of the RBC Table, answers to frequently asked questions, and changes in the current issue of the table, 10/20/95. P. 302242-302270. An October 4, 1995, "EPA Region III Risk-Based Concentration Table," including a summary, "Background Information," is attached.
56. Memorandum to Ms. Melissa Whittington, U.S. EPA, from Mr. Roy L. Smith, U.S. EPA, re: Summary of updated risk analysis on the PRP's proposal for revised cleanup levels, 12/21/95. P. 302271-302281. The analysis results and a sensitivity analysis chart are attached.
57. Letter to Mr. Steven G. Morrow, Olin Chemicals, from Ms. Melissa Whittington, U.S. EPA, re: Notification directing Olin to proceed with the solid-phase biotreatability studies for Morgantown OUI and to provide a proposed schedule of activities for the remainder of the project, 4/26/96. P. 302282-302286. An April 26, 1996, facsimile transmittal memorandum to Mr. Steve Morrow, Olin Corporation, from Ms. Melissa Whittington, U.S. EPA, and a certified mail receipt are attached.
58. Report: Phase II Interim Tasks for Morgantown

Ordnance Works Site OUI, Morgantown, West Virginia, prepared by ABB Environmental Services Inc. (ABB), 7/96. P. 302287-302368.

59. Report: Phase II Interim Tasks for Morgantown Ordnance Works Site OUI, Morgantown, West Virginia, Volume II, prepared by ABB, 7/96. P. 302369-302671.
60. Report: Phase II Interim Tasks for Morgantown Ordnance Works Site OUI, Morgantown, West Virginia, Volume III, prepared by ABB, 7/96. P. 302672-303103.
61. Report: Final Focused Feasibility Study Report for the Morgantown Ordnance Works Site Operable Unit One, Morgantown, West Virginia, Revision 2, prepared by Law Engineering and Environmental Services, Inc., 9/98. P. 303104-303534.
62. Memorandum to Ms. Melissa Whittington, U.S. EPA, from Mr. Jeffrey Tuttle, U.S. EPA, re: Comments on an August 7, 1998, site visit and follow-up to a June 22, 1998, memorandum concerning the Focused Feasibility Study, 8/25/98. P. 303535-303538.
63. Letter to Ms. Melissa Whittington, U.S. EPA, from Mr. Mark Slusarki, U.S. EPA, re: Transmittal of a list of potential Applicable and Relevant or Appropriate Requirements (ARARs), 1/20/99. P. 303539-303540. The list of potential ARARs is attached.
64. Memorandum to Risk-Based Concentration (RBC) Table Users from Ms. Jennifer Hubbard, U.S. EPA, re: Transmittal of information concerning the contents, uses, and limitations of the RCB Table, 4/12/99. P. 303541-303565. An April 12, 1999, document entitled, "EPA Region III Risk-Based Concentration Table: Technical Background Information, Development of Risk-Based Concentration," and an April 12, 1999, RCB Table, are attached.
65. Routing and Transmittal Slip to Ms. Melissa Whittington, U.S. EPA, from Ms. Lauren Heffelman, U.S. Army Corp of Engineers (USACE), re: Transmittal of preliminary timelines and cost

breakdowns for remedial alternatives, 4/14/99. P. 303566-303582. The following are attached:

- a) a document entitled, "Morgantown Ordnance Works Sites, Preliminary Timelines, Alternatives 3-6B;"
- b) a table from the January 1999 Focused Feasibility Study entitled, "Morgantown Ordnance Works Site OU1, Remedial Alternative Cost Breakdown, Alternative 3 - Capping Site Areas and Off-Site Thermal Treatment of Stream Sediments;"
- c) a table from the January 1999 Focused Feasibility Study entitled, "Morgantown Ordnance Works Site OU1, Remedial Alternative Cost Breakdown, Alternative 4 - Consolidation and Capping of Existing Landfill;"
- d) a table from the January 1999 Focused Feasibility Study entitled, "Morgantown Ordnance Works Site OU1, Remedial Alternative Cost Breakdown, Alternative 5 - On-Site RCRA Subtitle C Compliant Landfill Cap;"
- e) a table from the January 1999 Focused Feasibility Study entitled, "Morgantown Ordnance Works Site OU1, Remedial Alternative Cost Breakdown, Alternative 6A - Off-Site Thermal Treatment of Visibly-Stained Stream, Lagoon, and Scraped Area Soils and Capping of Existing Landfill;"
- f) a table from the January 1999 Focused Feasibility Study entitled, "Morgantown

Ordnance Works Site OU1, Remedial
Alternative Cost Breakdown, Alternative 6B
- Off-Site Thermal Treatment of All CPAH-
Contaminated Stream, Lagoon and Scraped
Area Soils and Capping of Existing
Landfill;"

- g) a January 25, 1999, facsimile transmittal memorandum to Ms. Melissa Whittington, U.S. EPA, from Ms. Lauren Hettelman, USACE.
- 66. Memorandum to File from Ms. Melissa Whittington, U.S. EPA, re: Comments submitted by the Biological Technical Assistance Group regarding the selection of background standards for stream sediment cleanup to be included in the Proposed Remedial Action Plan, 6/2/99. P. 303583-303583.
- 67. Proposed Plan, Ordnance Works Disposal Areas Superfund Site, 6/7/99. P. 303584-303618.
- 68. Memorandum to Ms. Melissa Whittington, U.S. EPA, from Mr. Michael Crain, USACE, re: Comments on the Proposed Plan, 6/18/99. P. 303619-303620. A July 9, 1999, facsimile transmittal sheet to Ms. Melissa Whittington, U.S. EPA, from Mr. Michael Crain, USACE, is attached.
- 69. Memorandum to Ms. Melissa Whittington, U.S. EPA, from Ms. Nancy Rios, U.S. EPA, re: Notification that the risk levels for carcinogens at the Morgantown Ordnance Works Site are within the Superfund acceptable range, 8/17/99. P. 303621-303622.
- 70. Memorandum to Mr. Ken Brown, U.S. EPA, from Mr. Robert Gerlach, Lockheed Environmental Services Co., re: Explanation of statistical results regarding background metal concentrations at the Morgantown Ordnance Works Site, 9/20/99. P. 303623-303627. A

September 23, 1999, transmittal letter to Mr. Christian Matta, U.S. EPA, from Mr. Ken Brown, U.S. EPA, is attached.

71. Memorandum to file from Mr. Christian Matta, U.S. EPA, re: Explanation of the selection of background cleanup levels for sediments in response to concerns received during the public comment period for the Proposed Remedial Action Plan, 9/21/99. P. 303628-303628.
72. Memorandum to Mr. Christian Matta, U.S. EPA, from Mr. Jeffrey Tuttle, U.S. EPA, re: Explanation of the inorganic cleanup levels for sediments in streams and wetlands at the Morgantown Ordnance Works Site, 9/23/99. P. 303629-303629.
73. Record of Decision, Ordnance Works Disposal Areas Superfund Site, Morgantown, Monongalia County, West Virginia, 9/30/99. P. 303630-303700.

IV. REMOVAL RESPONSE PLANNING

1. Telephone conversation record of Mr. Jerry Saseen, U.S. EPA, with Mr. Mark diFelicianantonio, U.S. EPA, re: Planned inspection of the site for possible removal of drums and contaminated soil, 2/7/84. P. 400001-400001.
2. Pollution Reports #3 to 9 and #14 to 17, Morgantown Ordnance Works, 2/8/84 to 3/21/84 and 6/12/84 to 10/9/84. P. 400002-400013.
3. Telephone conversation record of Mr. Mark diFelicianantonio, U.S. EPA, with Mr. Bob Caron, U.S. EPA, re: Summary of site visit and meeting with site owners, 2/9/84. P. 400014-400014.
4. Telephone conversation record of Mr. Mark diFelicianantonio, U.S. EPA, with Mr. Jerry Saseen, U.S. EPA, re: Drum removal and sampling, 2/10/84. P. 400015-400015.
5. Telephone conversation record of Mr. Jerry Saseen, U.S. EPA, with Mr. Mark diFelicianantonio, U.S. EPA, re: Drum sampling, 3/7/84. P. 400016-400016.
6. Letter to Mr. John Snyder [sic], Morgantown Industrial Park, from Mr. Jerry Saseen, U.S. EPA, re: Request for EPA to remove marking sticks and wooden platforms from the site, 3/26/84. P. 400017-499917.
7. Letter to Mr. John Snider, Morgantown Industrial Park, from Mr. Timothy T. Laraway, WVDNR, re: Response to a request for the disposal of solid wastes and contaminated sulfur, 5/2/84. P. 400018-400020. Table, Summary of Solid Material, is attached.
8. Memorandum to Mr. Thomas I. Massey, U.S. EPA, from Mr. Jerry Saseen, U.S. EPA, re: Information concerning site background, recent conditions, and recent developments, 8/21/84. P. 400021-400022.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL
CORRESPONDENCE/IMAGERY

1. Memorandum to file from Mr. Mark diFelicianantonio, U.S. EPA, re: Information requested by Mr. Larry Tellet on sampling results, 9/19/83. P. 500001-500002. A memorandum regarding a site inspection is attached.
2. Press release from U.S. EPA Environmental News entitled "EPA Announces PCB Test Results at Morgantown Ordnance Works," 2/24/84. P. 500003-500004.
3. Letter to Mr. Thomas C. Voltaggio, U.S. EPA, from the Honorable Robert C. Byrd, U.S. Senate, re: Request for a report to be sent in duplicate, 4/11/84. P. 500005-500016. The following are attached:
 - a) a cover transmittal form;
 - b) a letter regarding testing results;
 - c) a letter regarding sampling;
 - e) Letter Report: Polychlorinated Biphenyls (PCB's) Sampling and Analysis Previously Used by Others as Landfill and Burn Area;
 - f) Table 1, Summary of Results, Soil/Pellet Samples;
 - g) a site map.
4. Fact Sheet from U.S. Army Corps of Engineers entitled "Environmental Restoration Defense Account," 5/1/84. P. 500017-500017.
5. Report: EPA Site Analysis, Morgantown Ordnance Works, Morgantown, West Virginia, prepared by U.S. EPA, 6/84. P. 500018-500044.
6. Fact Sheet, National Priorities List Site, Ordnance Works Disposal Areas, 10.84. P 500045-500045.

7. Letter to Mr. Lee Thomas, U.S. EPA, from the Honorable Robert C. Byrd, U.S. Senate, re: Information concerning the site gathered at a meeting with the owners, 1/18/85. P. 500046-500052. The following are attached:
 - a) a transmittal slip;
 - b) a letter regarding the final response to the listing of Morgantown Industrial Park on the National Priorities Listing (NPL);
 - c) a letter regarding the receipt by EPA of comments to the NPL listing of the site;
 - d) a letter regarding a report analyzing the proposed priority ranking.
8. Letter to the Honorable Robert C. Byrd, U.S. Senate, from Mr. Stephen R. Wassersug, U.S. EPA, re: Names and addresses of the recipients of Notice Letters, 2/12/85. P. 500053-500054.
9. Letter to the Honorable Robert C. Byrd, U.S. Senate, from Mr. Jack W. McGraw, U.S. EPA, re: Consideration of comments on the proposed NPL in development of a Final Rule, 2/22/85. P. 500055-500057. A letter regarding information provided by Governor Underwood and a response to the proposed NPL are attached.
10. Letter to the Honorable Robert C. Byrd, U.S. Senate, from Mr. Stanley L. Laskowski, U.S. EPA, re: Reasons for formal notification of potential liability, 3/8/85. P. 500058-500059.
11. Letter to the Honorable Robert C. Byrd, U.S. Senate, from Mr. Stanley L. Laskowski, U.S. EPA, re: Response to questions concerning the NPL, 3/9/85. P. 500060-500065. A letter requesting a report to

be sent in duplicate and a letter notifying EPA of the nature and the extent of corrective measures at the site are attached.

12. Press release from U.S. EPA Environmental News entitled "EPA Approves Funding for Study at Ordnance Works Site," 4/10/85. P. 500066-500066.
13. Fact Sheet, re: Ordnance Works Disposal Areas, 9/17/85. P. 500067-500067.
14. Letter to the Honorable Robert C. Byrd, U.S. Senate, from Colonel Thomas H. Magness, III, Department of the Army, re: Summary of a meeting to discuss site activities and Department of Defense responsibilities, 4/9/86. P. 500068-500069.
15. Control Slip to Ms. Kim Lonasco, Mr. Shrec, Mr. Voltaggio, Mr. Byer, and Mr. Soylemez, U.S. EPA, from the Honorable Allen Mollohan, U.S. House of Representatives, re: Information concerning contamination at the site, 8/25/86. P. 500070-500076. The following are attached:
 - a) a letter regarding possible contamination at the site, dated August 25, 1986;
 - b) a Control Slip;
 - c) a letter regarding possible contamination at the site, dated August 25, 1986;
 - d) a letter regarding possible contamination at the site, dated August 11, 1986;
 - e) a Formal Request for Assistance form;
 - f) a handwritten letter regarding possible contamination at the site, dated June 6, 1986.
16. Letter to the Honorable Alan B. Mollohan, U.S. House of representatives, from Mr. James M. Sief, U.S. EPA, re: Possible contamination at the site, 8/25/86. P. 500076-500081. A letter

regarding possible contamination at the site, dated August 11, 1986, a Formal Request for Assistance form, and a handwritten letter regarding possible contamination at the site, dated June 6, 1986, are attached.

17. Report: Draft Community Relations Plan for Morgantown Ordnance Works Site, Morgantown, West Virginia, prepared by Camp, Dresser & McKee, Inc., 3/31/87. P. 500082-500109.
18. Control Slip to Ms. Kim Lonasco and Mr. Shrec, U.S. EPA, from the Honorable Robert C. Byrd, U.S. EPA, re: Information about the site, 11/30/87. P. 500110-500123. The following are attached:
 - a) a letter regarding transmittal of EPA's response to Mr. Snider about his concerns regarding the site;
 - b) EPA's response letter to Mr. Snider;
 - c) a copy of attachment "a" with a different signature;
 - d) a letter regarding a request for EPA to respond to the concerns of Mr. Snider;
 - e) a letter regarding information about the site and site activities;
 - f) two site maps;
 - g) a copy of attachment "c".
19. Superfund Program Fact Sheet, Proposed Plan, Morgantown Ordnance Works Disposal Site, Morgantown, West Virginia, 7/89. P. 500124-500128.
20. Transcript of a Public Hearing for Morgantown Ordnance Works Disposal Site, Morgantown, West Virginia, prepared by Ms. Esther Anne Aliff, 7/12/89. P. 500129-500157. A sign-in sheet and a meeting agenda are attached.

21. Letter to the Honorable Robert C. Byrd, U.S. Senate, from Mr. Thomas P. Eichler, U.S. EPA, re: Concerns about the Site Investigation Report, (undated).
P. 500158-500164. A letter regarding a response to Morgantown Industrial Park Associates and the response to Morgantown Industrial Park Associates comments on the Site Inspection Report are attached.
22. Transcript of a Public Hearing for Morgantown Ordnance Works Disposal Site, Morgantown, West Virginia, prepared by Streski Reporting and Video Service, 6/23/99. P. 500165-500227.